

USDA-NRCS, IOWA  
Forest Productivity  
Hardin County, Iowa

04/10/2002  
FIELD OFFICE TECHNICAL GUIDE Sec. II  
FORESTLAND INTERPRETATIONS

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
6: Okoboji-----	---	---	---	---
7: Wiota-----	---	---	---	---
7B: Wiota-----	---	---	---	---
8B: Judson-----	---	---	---	---
11B: Colo-----	---	---	---	---
Ely-----	---	---	---	---
20C2: Killduff-----	---	---	---	---
20D3: Killduff-----	---	---	---	---
20E3: Killduff-----	---	---	---	---
27B: Terril-----	---	---	---	---
55: Nicollet-----	---	---	---	---
62C2: Storden-----	---	---	---	---
62D2: Storden-----	---	---	---	---
62E2: Storden-----	---	---	---	---
62G2: Storden-----	---	---	---	---
73C: Salida-----	---	---	---	---
73E: Salida-----	---	---	---	---
83C2: Kenyon-----	---	---	---	---
83E2: Kenyon-----	---	---	---	---

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Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber cu ft/ac	
90: Okoboji-----	---	---	---	---
95: Harps-----	---	---	---	---
96: Turlin-----	---	---	---	---
107: Webster-----	---	---	---	---
118: Garwin-----	---	---	---	---
119: Muscatine-----	---	---	---	---
119B: Muscatine-----	---	---	---	---
120B: Tama-----	---	---	---	---
120C: Tama-----	---	---	---	---
120C2: Tama-----	---	---	---	---
120D2: Tama-----	---	---	---	---
122: Sperry-----	---	---	---	---
133: Colo-----	---	---	---	---
135: Coland-----	---	---	---	---
138B: Clarion-----	---	---	---	---
138C2: Clarion-----	---	---	---	---
138D2: Clarion-----	---	---	---	---
152: Marshan-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
162B: Downs-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
162C2: Downs-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
162D2: Downs-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
163B: Fayette-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
163C: Fayette-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
163D: Fayette-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
168B: Hayden-----	American basswood---	69	43	American basswood,
	black walnut-----	62	0	black walnut,
	eastern white pine--	64	43	northern red oak,
	northern red oak----	55	43	silver maple,
	sugar maple-----	56	29	white oak
	white oak-----	55	43	
168C: Hayden-----	American basswood---	69	43	American basswood,
	black walnut-----	62	0	black walnut,
	eastern white pine--	64	43	northern red oak,
	northern red oak----	55	43	silver maple,
	sugar maple-----	56	29	white oak
	white oak-----	55	43	

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
168G: Hayden-----	American basswood---	69	43	American basswood,
	black walnut-----	62	0	black walnut,
	eastern white pine--	64	43	northern red oak,
	northern red oak----	55	43	silver maple,
	sugar maple-----	56	29	white oak
	white oak-----	55	43	
177: Saude-----	---	---	---	---
177B: Saude-----	---	---	---	---
177C: Saude-----	---	---	---	---
178: Waukee-----	---	---	---	---
178B: Waukee-----	---	---	---	---
184: Klinger-----	---	---	---	---
184B: Klinger-----	---	---	---	---
188: Kensett-----	---	---	---	---
201B: Coland-----	---	---	---	---
Terril-----	---	---	---	---
212: Kennebec-----	---	---	---	---
221: Palms-----	black ash-----	---	0	eastern arborvitae,
	eastern arborvitae--	---	0	tamarack
	quaking aspen-----	---	0	
	red maple-----	55	29	
	silver maple-----	80	29	
	tamarack-----	---	0	
	white ash-----	---	0	
225: Lawler-----	---	---	---	---
226: Lawler-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
236B: Lester-----	American basswood---	70	72	black walnut,
	black walnut-----	62	0	northern red oak,
	eastern cottonwood--	90	100	silver maple,
	eastern white pine--	65	143	white oak
	northern red oak----	70	72	
	white oak-----	60	57	
236C: Lester-----	American basswood---	70	72	black walnut,
	black walnut-----	62	0	northern red oak,
	eastern cottonwood--	90	100	silver maple,
	eastern white pine--	65	143	white oak
	northern red oak----	70	72	
	white oak-----	60	57	
236C2: Lester-----	American basswood---	70	72	black walnut,
	black walnut-----	62	0	northern red oak,
	eastern cottonwood--	90	100	silver maple,
	eastern white pine--	65	143	white oak
	northern red oak----	70	72	
	white oak-----	60	57	
236D2: Lester-----	American basswood---	70	72	black walnut,
	black walnut-----	62	0	northern red oak,
	eastern cottonwood--	90	100	silver maple,
	eastern white pine--	65	143	white oak
	northern red oak----	70	72	
	white oak-----	60	57	
236F: Lester-----	American basswood---	70	72	black walnut,
	black walnut-----	62	0	northern red oak,
	eastern cottonwood--	90	100	silver maple,
	eastern white pine--	65	143	white oak
	northern red oak----	70	72	
	white oak-----	60	57	
284: Flagler-----	---	---	---	---
284B: Flagler-----	---	---	---	---
284C2: Flagler-----	---	---	---	---
291: Atterberry-----	green ash-----	---	0	Norway spruce,
	northern red oak----	65	57	eastern white
	silver maple-----	---	0	pine, green ash,
	white ash-----	---	0	red pine, silver
	white oak-----	---	0	maple

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
325: Le Sueur-----	American basswood---	70	43	American basswood, black walnut, eastern cottonwood
	black walnut-----	55	0	
	bur oak-----	43	29	
	eastern cottonwood--	85	86	
	sugar maple-----	60	43	
329: Webster-----	---	---	---	---
Nicollet-----	---	---	---	---
335: Harcot-----	---	---	---	---
377B: Dinsdale-----	---	---	---	---
377C2: Dinsdale-----	---	---	---	---
377D2: Dinsdale-----	---	---	---	---
382: Maxfield-----	---	---	---	---
393C: Sparta-----	jack pine-----	57	86	eastern white pine, jack pine, red pine
	northern red oak----	47	29	
	red pine-----	---	0	
393D: Sparta-----	jack pine-----	57	86	eastern white pine, jack pine, red pine
	northern red oak----	47	29	
	red pine-----	---	0	
409B: Dickinson-----	---	---	---	---
409C: Dickinson-----	---	---	---	---
415G: Montieth-----	white oak-----	45	29	eastern redcedar, eastern white pine, green ash
428B: Ely-----	---	---	---	---
457: Du Page-----	---	---	---	---
485: Spillville-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
491G: Renova-----	American basswood---	69	57	American basswood,
	black walnut-----	62	0	black walnut,
	eastern cottonwood--	92	114	northern red oak,
	eastern white pine--	64	129	silver maple,
	northern red oak----	69	57	white oak
	white oak-----	62	57	
506: Wacousta-----	---	---	---	---
507: Canisteo-----	---	---	---	---
536: Hanlon-----	northern red oak----	55	43	European larch,
	white oak-----	55	43	black walnut,
				eastern white
				pine, red pine,
				sugar maple
595: Harpster-----	---	---	---	---
638C2: Clarion-----	---	---	---	---
Storden-----	---	---	---	---
638D2: Clarion-----	---	---	---	---
Storden-----	---	---	---	---
696: Tilfer-----	---	---	---	---
705C2: Downs Variant-----	white oak-----	80	57	eastern white pine,
				green ash,
				northern red oak,
				tuliptree
705D2: Downs Variant-----	white oak-----	80	57	eastern white pine,
				green ash,
				northern red oak,
				tuliptree
733: Calco-----	---	---	---	---

Map symbol and soil name	Potential productivity			Trees to manage
	Common trees	Site index	Volume of wood fiber  cu ft/ac	
771B: Waubee-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
771C2: Waubee-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
771D2: Waubee-----	northern red oak----	65	57	black walnut,
	white oak-----	65	57	eastern white pine, red pine, sugar maple
814: Rockton-----	---	---	---	---
814B: Rockton-----	---	---	---	---
814C2: Rockton-----	---	---	---	---
828B: Zenor-----	---	---	---	---
828C2: Zenor-----	---	---	---	---
933: Sawmill-----	American sycamore----	---	0	American sycamore,
	cherrybark oak-----	---	0	European larch,
	eastern cottonwood--	---	0	black spruce,
	pin oak-----	90	72	common hackberry,
	sweetgum-----	---	0	green ash, pin oak, red maple, swamp white oak
936: Coland-----	---	---	---	---
Spillville-----	---	---	---	---
Hanlon-----	northern red oak----	55	43	European larch,
	white oak-----	55	43	black walnut, eastern white pine, red pine, sugar maple
956: Okoboji-----	---	---	---	---

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	Common trees	Site index	Volume of wood fiber  cu ft/ac	
Harps-----	---	---	---	---
1936: Coland-----	---	---	---	---
Spillville-----	---	---	---	---
Hanlon-----	northern red oak----	55	43	European larch, black walnut, eastern white pine, red pine, sugar maple
	white oak-----	55	43	
4000: Urban Land-----	---	---	---	---
5010: Pits, Sand And Gravel---	---	---	---	---
5030: Pits, Limeston Quarry---	---	---	---	---
5040: Orthents-----	---	---	---	---
W: Water-----	---	---	---	---